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Applicant	:	Gorsuch, et al.)	Group Art Unit Unknown
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Appl. No.	:	09/549,131)	I hereby certify that this correspondence and all
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Filed	:	April 13, 2000)	United States Postal Service as first-class mail in
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For	:	SPECIALIZED HOLLOW)	<u>April 8, 2002</u>
		FIBER MEMBRANES FOR IN-)	(Date)
		VIVO PLASMAPHERESIS)	
		AND ULTRAFILTRATION)	
)	
)	
Examiner	:	Unknown)	<u>Jerry R. Seiler, Reg. No. 23,051</u>

April 8, 2002
(Date)
Jerry R. Seiler, Reg. No. 23,051

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Dear Sir:

IN THE CLAIMS:

Applicants submit herewith amended Claims 1, 15, 30 and 32 as follows:

1. (Amended) A *in-vivo* plasmapheresis and/or *in-vivo* ultrafiltration membrane comprising:

a plurality of elongated hollow fibers each fiber having an outer wall surface and an interior lumen extending along the length thereof, said fibers for separating blood plasma and/or plasma components from whole blood by passing plasma and/or plasma components through the fiber wall from the outer wall surface to the interior lumen, said fiber wall having a plurality of zones between the inner and outer wall surfaces, each of said zones having a mass density different than the mass density of an adjacent zone, said fiber wall characterized by a continuum of change in mass density from the outer wall surface to the inner wall surface and